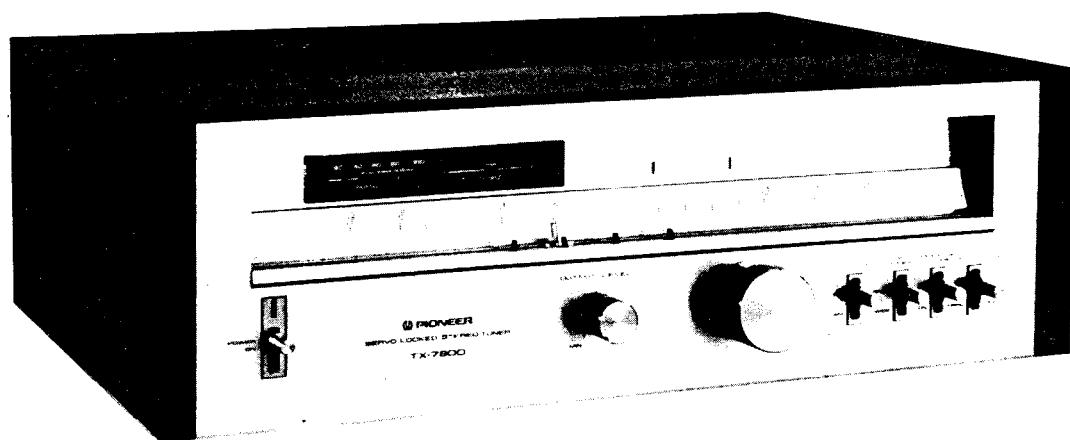


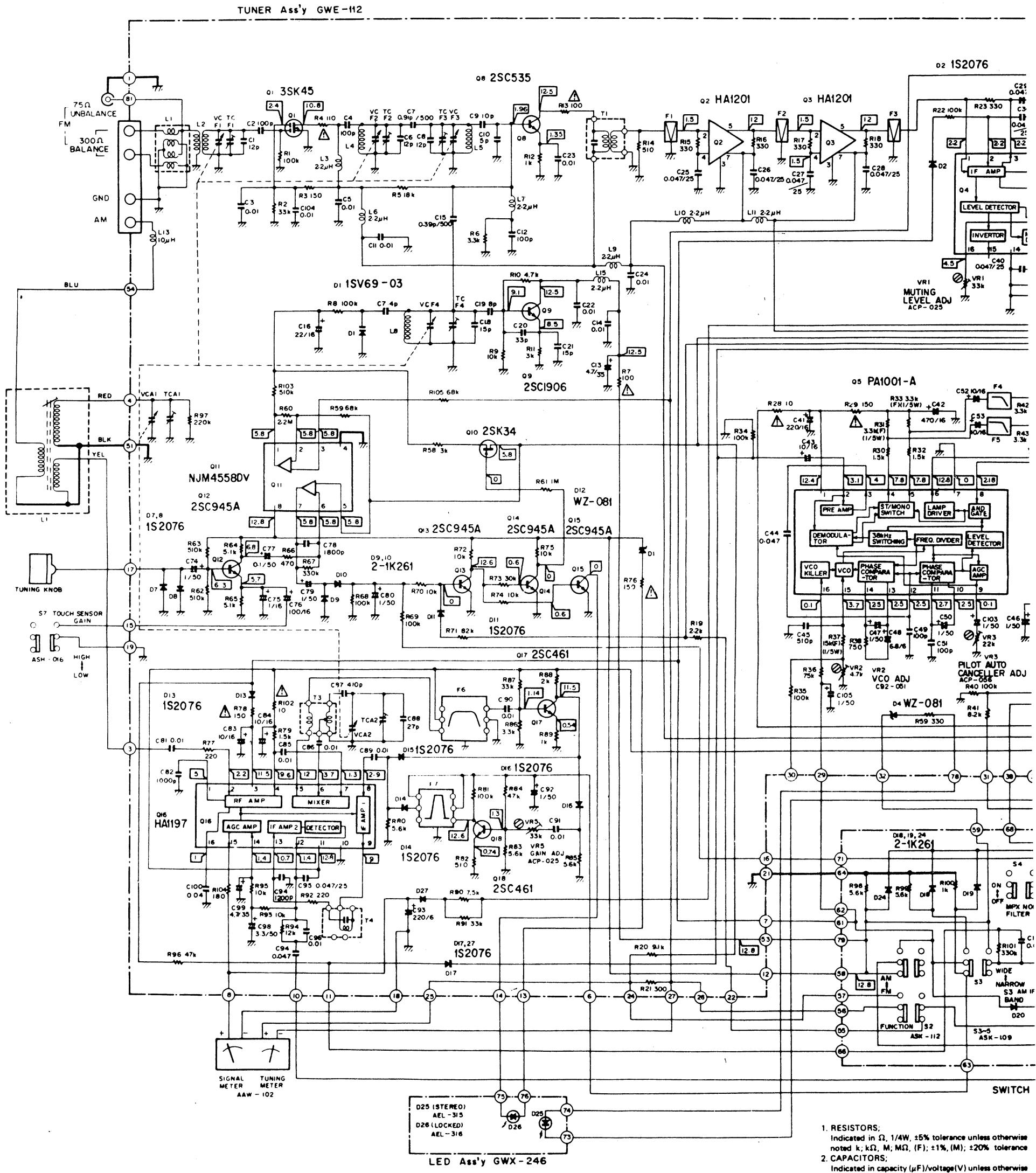
AM/FM STEREO TUNER

TX-7800

SERVICE MANUAL

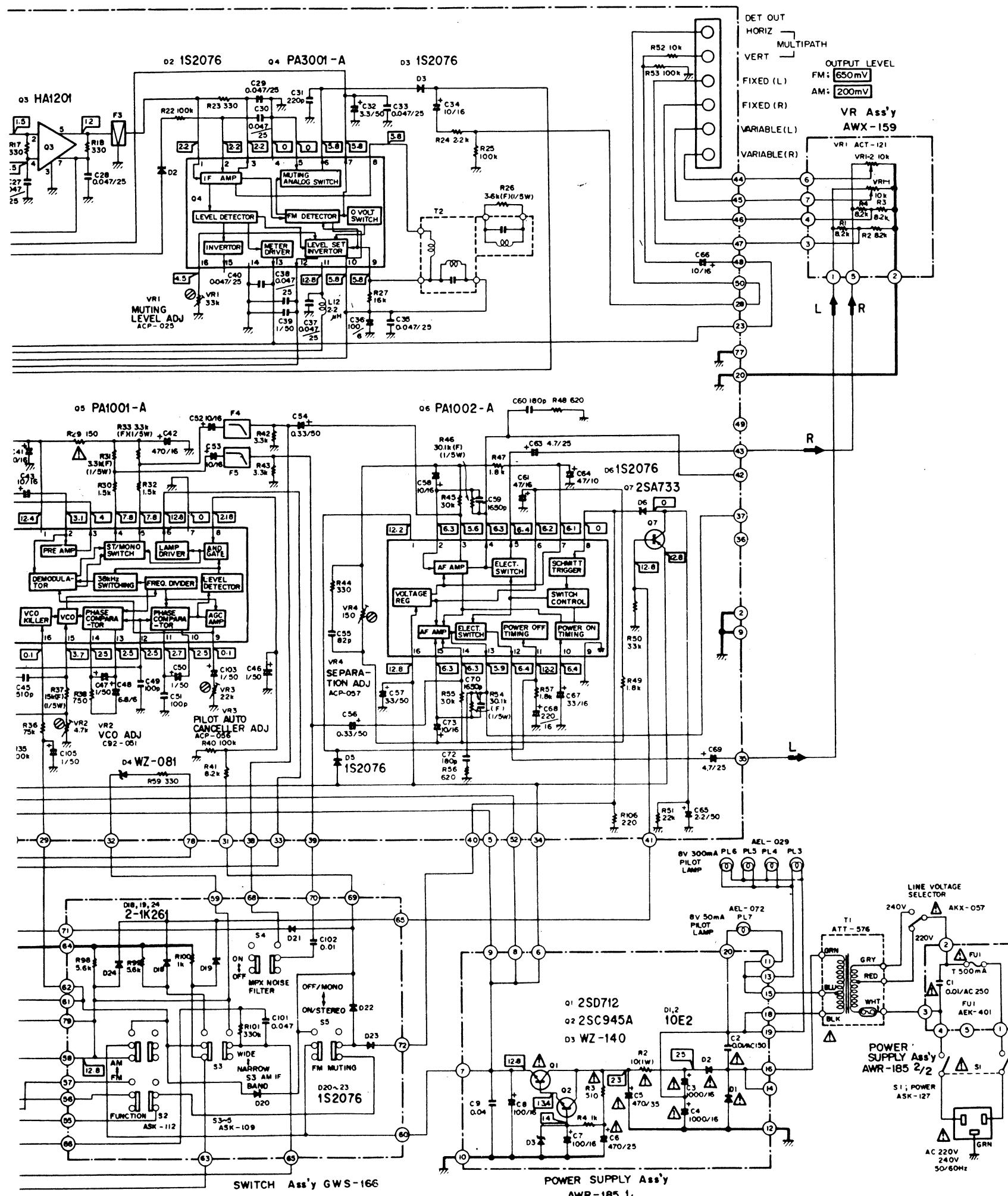


SCHEMATIC DIAGRAM



NOTE:

The indicated semiconductors are representative ones only. Other alternative semiconductors may be used and are listed in the parts list.



1. RESISTORS:
Indicated in Ω , 1/4W, $\pm 5\%$ tolerance unless otherwise noted. k: $k\Omega$; M: $M\Omega$; (F): $\pm 1\%$; (M): $\pm 20\%$ tolerance

2. CAPACITORS:
Indicated in capacity (μF)/voltage (V) unless otherwise noted. p: pF .
Indication without voltage is 50V except electrolytic capacitor.

3. VOLTAGE, CURRENT:
DC voltage (V) at no input signal
mV: Signal voltage at FM 400Hz, 75kHz DEV.

4. OTHERS:
→: Signal route.
○: Adjusting point

SWITCHES:
S1 POWER
S2 FUNCTION
S3 AM IF BAND
S4 MPX NOISE FILTER
S5 FM MUTING/MODE
S7 TOUCH SENSOR GAIN
ON - OFF
AM - FM
WIDE - NARROW
ON - OFF
OFF/MONO - ON/STEREO
HIGH - LOW

The underlined indicates the switch position.

This is the basic schematic diagram, but the actual circuit may vary due to improvements in design.

The Δ mark found on some component part indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

1

2

3

4

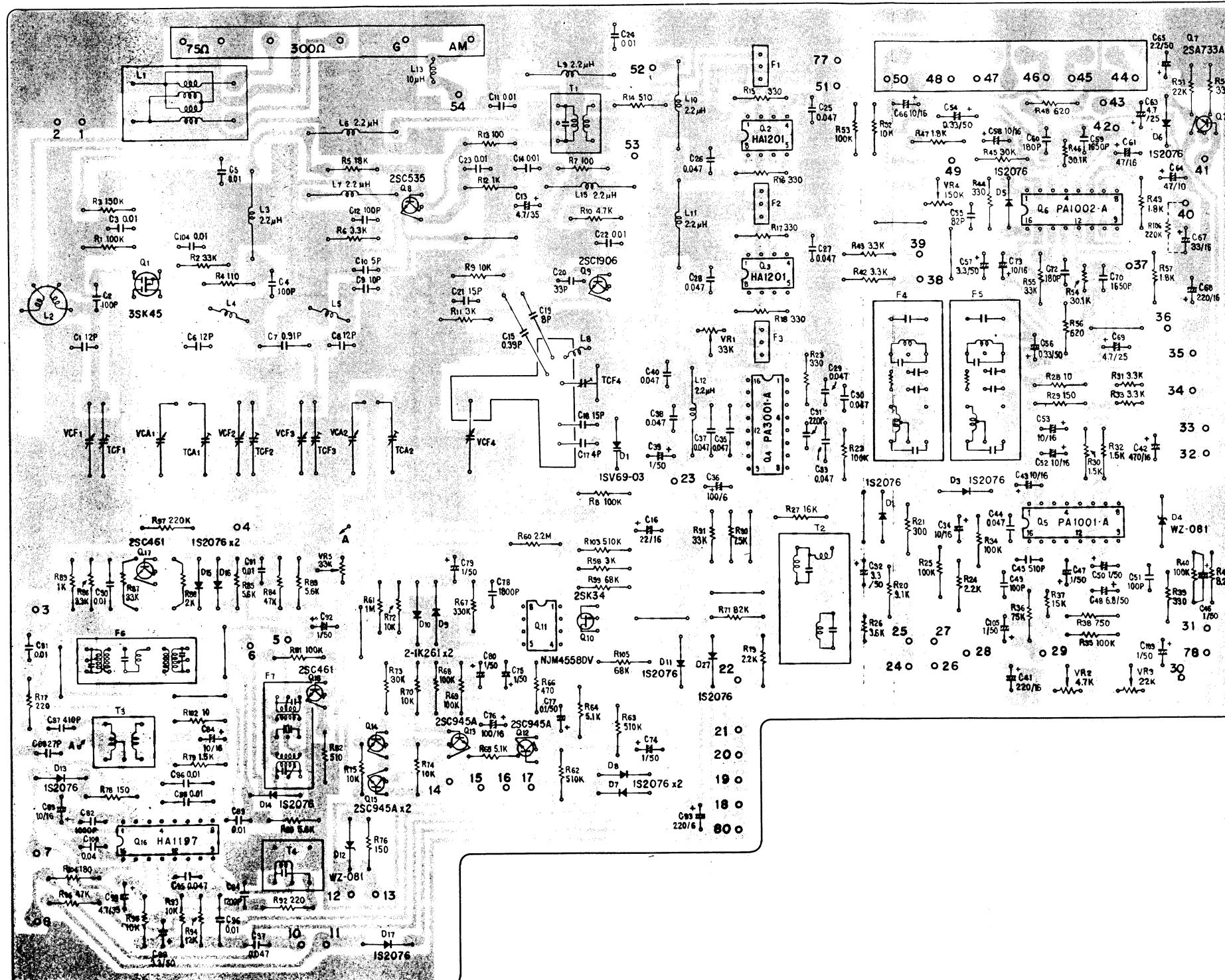
5

6

P.C. BOARDS

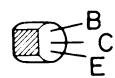
Tuner Assembly (GWE-112)

A

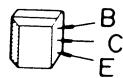


External Appearance of Transistors and ICs

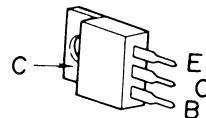
2SA733A-Q
2SC945A
2SC1906



2SC461-B
2SC535-B



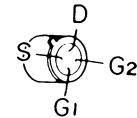
2SD712-D



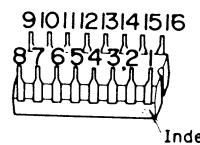
2SK34-C



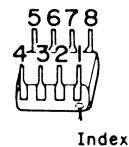
3SK45-B



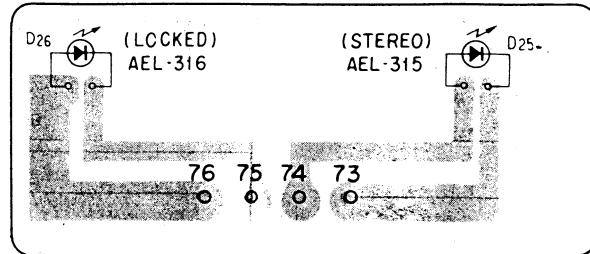
PA1001-A
PA1002-A
PA3001-A
HA1197



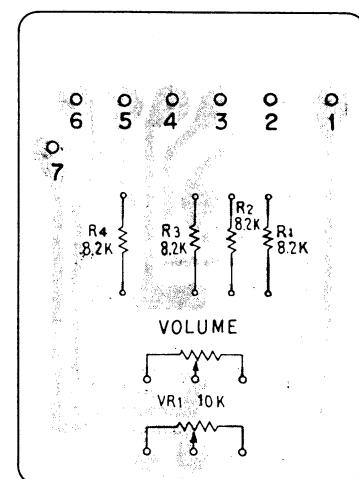
HA1201
NKM4558DV



LED Ass'y (GWX-245)



VR Ass'y (AWX-159)



SWITCH Ass'y (GWS-165)

